



STATE OF WASHINGTON  
APPLICATION FOR CHANGE/TRANSFER  
OF WATER RIGHT

AUG 12 8:47

For filing with the Department of Ecology or with County Conservancy Boards

DEPT. OF ECOLOGY  
BUDGET

**A NON-REFUNDABLE MINIMUM FEE OF \$50.00 PAYABLE TO THE DEPARTMENT OF ECOLOGY MUST ACCOMPANY THIS APPLICATION**

RECEIVED

AUG 15 2011

DEPARTMENT OF ECOLOGY - CENTRAL REGIONAL OFFICE

(Check all that apply.)

- ☐ Change purpose(s) of use  
☐ Add purpose(s) of use  
☐ Change point(s) of diversion/withdrawal  
☒ Add point(s) of diversion/withdrawal  
☐ Change/transfer place of use  
☐ Other (i.e. consolidation, intertie, trust water)

Explain: \_\_\_\_\_

FOR OFFICE USE ONLY

CHANGE No. C64-29544 WRIA 44

DATE ACCEPTED 09/13/2011 BY [Signature]

FEE \$ 50.00 REC'D 08/12/2011

CHECK No. 670246

ECY Coding: 001-002-WR10285-000011

SEPA: ☐ Exempt ☐ Not exempt

**\*\*IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS (PLEASE PRINT OR TYPE CLEARLY)\*\***

**1. Applicant Information:**

APPLICANT/BUSINESS NAME	PHONE NO.	FAX NO.
Public Utility District No. 1 of Chelan County	(509) 663-8121	(509) 661-8203
ADDRESS		
PO Box 1231		
CITY	STATE	ZIP CODE
Wenatchee	WA	98807
CONTACT NAME (IF DIFFERENT FROM ABOVE)	PHONE NO.	FAX NO.
Waikele Hampton	(509) 661-4627	(509) 661-8203
ADDRESS		
Same as above		
CITY	STATE	ZIP CODE
LEGAL LAND OWNER or PART OWNER NAME OF PROPOSED PLACE OF USE	PHONE NO.	FAX NO.
Public Utility District No. 1 of Chelan County	(509) 663-8121	(509) 661-8203
ADDRESS		
Same as above		
CITY	STATE	ZIP CODE

**2. Water Right Information:**

WATER RIGHT OR CLAIM NUMBER	RECORDED NAME(S)
G4-29544	Public Utility District No. 1 of Chelan County
DO YOU OWN THE RIGHT TO BE CHANGED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
IF NO, PROVIDE OWNER(S) NAME and ADDRESS:	
HAS THE WATER BEEN PUT TO BENEFICIAL USE IN THE LAST FIVE (5) YEARS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

**Please attach copies of any documentation that demonstrates consistent, historical use of water since the right was established. Also, if you have a water system plan or conservation plan, please include a copy with your application.** *Water usage has been reported to Ecology annually. Is it possible to access that data?*

64-29544P			
FOR OFFICE USE ONLY			
APP. NO.	PERMIT NO.	CERT. NO.	CERT. OF CHANGE NO.
		C64-29544	



3. Point(s) of Diversion/Withdrawal:

A. Existing

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Well		NE	NE	33	26	21	26213310001	

B. Proposed

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Existing Well		NE	NE	33	26	21	26213310001	
Proposed Well	1	NE	SE	33	26	21	26213310001	
Proposed Well	2a	NW	NE	33	26	21	26213310001	
Proposed Well	2b	NE	NW	33	26	21	26213310001	

DO YOU OWN THE EXISTING AND PROPOSED POINT(S) OF DIVERSION/WITHDRAWAL?

EXISTING: ☒ YES ☐ NO      PROPOSED: ☒ YES ☐ NO – IF NO, PROVIDE OWNER(S) NAME:

Please include copies of all water well reports involved with this proposal. Also, if you know the distances from the nearest section corner to the above point(s) of diversion/withdrawal, please include that information in Item No. 6 (remarks) or as an attachment.

4. Purpose of Use:

A. Existing

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Domestic	60 gpm	5	Year round

B. Proposed

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Domestic	60 gpm	5	Year round

5. Place of Use:

A. Existing

LEGAL DESCRIPTION OF LANDS WHERE WATER IS PRESENTLY USED:							
Please see attached legal description							
¼	¼	SEC.	TWP.	RGE.	COUNTY	PARCEL #	# OF ACRES
	NE, NW, SE	33	26	21	Douglas	26213310001	
DO YOU OWN ALL THE LANDS IN THE EXISTING PLACE OF USE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO – IF NO, PROVIDE OWNER(S) NAME:							

B. Proposed

LEGAL DESCRIPTION OF LANDS WHERE NEW USE IS PROPOSED:							
Please see attached legal description							
¼	¼	SEC.	TWP.	RGE.	COUNTY	PARCEL #	# OF ACRES
	NE, NW, SE	33	26	21	Douglas	26213310001	
DO YOU OWN ALL THE LANDS IN THE PROPOSED PLACE OF USE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO – IF NO, PROVIDE OWNER(S) NAME:							

Attach a detailed map of your proposed change/transfer. The map should show existing and proposed point(s) of diversion/withdrawal, place of use and any other features involved with this application. If platted property, please include a certified copy of the plat map.

Are there any ADDITIONAL WATER rights OR CLAIMS RELATED to the same property as the ONE PROPOSED FOR CHANGE/TRANSFER?  
☒ YES ☐ NO – IF YES, PROVIDE THE WATER RIGHT/CLAIM NUMBER(S): G4-30153P and G4-29543P also provide water to the park.



**6. Remarks and Other Relevant Information:**

The existing domestic water source (well) at Daroga State Park has reported nitrate concentrations ranging from 8.95 to 12.6 milligrams per liter (mg/L). Nitrate levels continue to trend above the maximum contaminant level of 10 mg/L established by the Environmental Protection Agency. In an effort to bring the park's water source back in to compliance, Chelan PUD's contract operator, Washington State Parks, has entered into a bilateral compliance agreement (BCA) with Washington State Department of Health. In response to the BCA Chelan PUD agreed to conduct a source water alternative analysis.

The analysis was recently completed and recommends a new groundwater source be developed. However, the location of a new source is uncertain and must be confirmed through testing. Chelan PUD requests the authorization to proceed with drilling of up to three test wells in the park to assess both well yield and water quality. Chelan PUD proposes to begin with the drilling of Proposed Well #1 (preferred location). If this test well proves-out for both yield and water quality, Chelan PUD expects to make this the production well. However, if it does not provide either the required yield or quality, Chelan PUD will proceed with drilling of Proposed Wells #2a and #2b for testing.

Chelan PUD requests the authorization to drill these three test wells with the hopes of establishing one as the replacement production well for domestic water at Daroga State Park. It is anticipated that one well will be included in the proof of appropriation.

If authorized (under a preliminary permit), test well drilling would include advancing an 8-inch boring to a depth of approximately 60-75 feet. As drilling proceeds, the aquifer characteristics and groundwater chemistry would be evaluated to identify potential stratification, variations in permeability that may indicate zones of preferred groundwater flow, and vertical distribution of nitrate. These details may identify a preferred zone for well completion and/or the potential risk of increasing nitrate concentrations once groundwater pumping begins. If conditions appear favorable, the boring would be completed with a 10-foot well screen at the base of the boring. The well would be developed to remove fine sediment from the well screen and surrounding aquifer material. A transducer would be installed in the well for a period of one week to evaluate the response to groundwater level to fluctuating river level pumping at nearby wells.

Testing would include evaluating the well efficiency through step testing, which incrementally increases pumping rates while concurrently measuring drawdown, and evaluating the long-term yield through continuous-rate testing of 24 to 72 hours or more at rates of 50 to 100 gpm. Samples of groundwater discharge during continuous-rate testing would be collected and analyzed using field kits to monitor concentrations and trends in water quality including selected drinking water parameters, nitrate, temperature, pH, turbidity, and conductivity. Results would be evaluated and compared to pumping rate, duration, drawdown, and river stage to assess potential environmental and pumping conditions that could indicate long-term trends and degree of hydraulic continuity with the Columbia River, and the potential that the Department of Health would designate the well as a source of groundwater under surface water influence (GWI).

The combined water quality data, well testing results, and hydrogeologic interpretation of drilling observations should indicate the potential for long-term utility and approach for equipping the test well as a production well. Favorable conditions could include nitrate concentrations less than 7.5 mg/L, a high degree of connection to the river (without a GWI determination), and relative isolation from nitrate sources.

IF FOR SEASONAL OR TEMPORARY, START DATE \_\_\_\_/\_\_\_\_/\_\_\_\_ END DATE \_\_\_\_/\_\_\_\_/\_\_\_\_

Certain applications may incur a Real Estate Excise Tax liability for the seller of the water rights. The Department of Revenue has requested notification of potential taxable water right related actions and therefore may be provided with a copy of this request.

Please contact the State Department of Revenue for further information. The phone number is (360) 570-3265. The address is: Department of Revenue, Real Estate Excise Tax, PO Box 47477, Olympia, WA 98504-7477.



## 7. Signatures:

*I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I am hereby granting staff from the Department of Ecology or the County Conservancy Board access to the above site(s) for inspection and monitoring purposes. If assisted in the preparation of the above application, I understand that all responsibility for the accuracy of the information rests with me.*

Waikeli Hanpt for Chelan PUD  
(Applicant Signature)

\_\_\_\_\_  
(Applicant Signature)

8/9/2011  
(Date)

Waikeli Hanpt for Chelan PUD  
(Water Right Holder)

\_\_\_\_\_  
(Water Right Holder)

8/9/2011  
(Date)

Waikeli Hanpt for Chelan PUD  
(Land Owner(s) of Proposed Place of Use)

\_\_\_\_\_  
(Land Owner(s) of Proposed Place of Use)

8/9/2011  
(Date)

**IMPORTANT! APPLICATION FILING INFORMATION IS PROVIDED ON THE NEXT PAGE.**

**WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):**

- |   |   |
|---|---|
| <input type="checkbox"/> APPLICATION FEE NOT ENCLOSED   | <input type="checkbox"/> MAP NOT INCLUDED or INCOMPLETE |
| <input type="checkbox"/> ADDITIONAL SIGNATURES REQUIRED | <input type="checkbox"/> SECTION _____ IS INCOMPLETE    |
| <input type="checkbox"/> OTHER/EXPLANATION: _____       |   |

**STAFF:** \_\_\_\_\_ **DATE:** \_\_\_\_/\_\_\_\_/\_\_\_\_



**7. Signature and Date:** The applicant must sign and date the application. In addition, the owner of the water right and the owner of the proposed place of use must sign and date the application if different than the applicant.

**IMPORTANT!**

Submit your application to Ecology at:      DEPARTMENT OF ECOLOGY  
CASHIERING UNIT  
PO BOX 47611  
OLYMPIA, WA 98504-7611

Alternatively, you may submit your application at a Conservancy Board with jurisdiction. Below is a map of the State of Washington, with outlines of the four Ecology regional offices. If you have questions about your application or whether a County Conservancy Board with jurisdiction exists, contact the Water Resources program at the regional office in which your project is located.



Please check the regional office in which your project is located.

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Central Regional Office<br>15 W Yakima Avenue, Suite 200<br>Yakima, WA 98902<br>(509) 575-2490    | <input type="checkbox"/> Eastern Regional Office<br>4601 N. Monroe<br>Spokane, WA 99205-1295<br>(509) 329-3400 |
| <input type="checkbox"/> Northwest Regional Office<br>3190 – 160 <sup>th</sup> Avenue SE<br>Bellevue, WA 98008-5452<br>(425) 649-7000 | <input type="checkbox"/> Southwest Regional Office<br>PO Box 47775<br>Olympia, WA 98504-7775<br>(360) 407-6300 |